

IN THE CLAIMS

This listing of claims will replace all prior versions, and listing, of claims in the application:

Listing of Claims:

- 1-19. (Cancelled).
20. (New) An article comprising:  
a substrate; and  
an invisible symbol on the substrate wherein the invisible symbol is formed by a compound which includes a cyano group and has an infrared absorption wavelength apart from that of the substrate when heated.
21. (New) The article of claim 20, wherein the compound has a polymer including a cyano group.
22. (New) The article of claim 20, wherein the substrate is made of paper, polymer or cloth.
23. (New) The article of claim 20, wherein the compound emits infrared light when heated to 50 degree in Centigrade or more.
24. (New) The article of claim 20, wherein the invisible symbol is a barcode having minimum bar width about 250 micro-meter.
25. (New) The article of claim 20, wherein the wavelength of infrared emission is around 4.5 micro-meter.
26. (New) The article of claim 20, wherein the invisible symbol is printed on the substrate using a laser beam printer.